

SOLAR RADIO NOISE STORM AT 164 MHZ

FROM NANÇAY RADIOHELIOGRAPH

DECEMBER 2004

	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
01/12/04	-0.27	+0.21	I	10H07 E	15H10 D
03/12/04	+0.07	+0.10	I	8H38 E	14H30 D
09/12/04*	+0.71	+0.18	I	9H13 E	14H09 D
20/12/04*	-0.83	-0.41	II	8H53 E	14H41 D
21/12/04*	-0.36	-0.38	III	8H19 E	15H19 D
22/12/04*	-0.48	-0.25	II	8H19 E	15H20 D
22/12/04*	+0.03	-0.16	II	8H19 E	15H20 D
23/12/04*	-0.12	-0.32	I	8H19 E	15H20 D
24/12/04*	-0.79	-0.51	I	11H15	12H34
29/12/04*	-1.30	-0.14	I	8H23 E	15H23 D
29/12/04*	-1.10	+0.10		8H23 E	11H09
30/12/04*	-1.08	-0.18	I	8H24 E	15H24 D
31/12/04	-0.93	+0.25	I	8H24 E	10H15

¹ POSITIVE E-W AND S-N COORDINATES CORRESPOND TO THE N-W QUADRANT

² IMP1: FLUX < 5 SFU IMP2: 5 < FLUX < 20 SFU IMP3: 20 < FLUX < 100 SFU
IMP4: 100 < FLUX < 300 SFU IMP5 > 300 SFU

³ E NOISE STORM IN PROGRESS AT THE BEGINNING OF THE NANÇAY OBSERVATIONS
D NOISE STORM IN PROGRESS AT THE END OF THE NANÇAY OBSERVATIONS

**SOLAR RADIO NOISE STORM AT 327 MHZ
FROM NANÇAY RADIOHELIOGRAPH**

DECEMBER 2004

DAY	HELIOGRAPHICS POSITIONS MEAN VALUES ¹		IMP ²	OBSERVING TIME ³	
	E-W	S-N		START(UT)	END(UT)
01/12/04*	-0.31	+0.31	II	10H07 E	15H10 D
03/12/04	+0.18	+0.09	I	8H38 E	14H30 D
20/12/04	-0.68	-0.23	I	8H53 E	14H41 D
21/12/04*	-0.36	-0.23	II	8H19 E	15H19 D
22/12/04	-0.08	-0.19	I	8H19 E	15H20 D
22/12/04	-0.06	-0.02	I	8H19 E	15H20 D
29/12/04	-1.28	-0.25	I	8H23 E	14H10
30/12/04	-0.85	-0.07	I	8H24 E	15H24 D

6, 7, 8, 10, 11, 12,18 DECEMBER : NO DATA

OTHERS DAYS: NO DETECTABLE NOISE STORM

- For the days marked by an asterisk, intense ionospheric gravity waves are observed during the whole day. Without a more detailed analysis leading to decreased uncertainties in the deviation, the positions which are indicated are estimated within 0.2 R

** Following a large burst

*** importance not well determined due to the proximity off the very strong other source

**** no flux measurements available